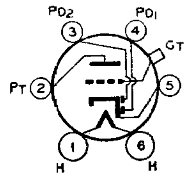


RCA-55



DUPLEX-DIODE TRIODE

The 55 is an a-c heater type of tube consisting of *two diodes* and a *triode* in a single bulb. It is recommended for service as a combined detector, amplifier and automatic-volume-control tube.

CHARACTERISTICS

HEATER VOLTAGE (A. C. or D. C.)	2.5	Volts
HEATER CURRENT	1.0	Ampere
BULB		ST-12
CAP		Small Metal
BASE		Small 6-Pin

Other characteristics of this type are the same as for type 85.

Diode Units

Two diode plates are placed around a cathode, the sleeve of which is common to the triode unit. Each diode plate has its own base pin. Operation curves for the diode units are given under type 6B7.

INSTALLATION AND APPLICATION

The base pins of the 55 fit the standard six-contact socket, which may be installed to hold the tube in any position. For heater operation and cathode connection, refer to INSTALLATION under type 2A5. Complete shielding of detector circuits employing the 55 is generally necessary to prevent r-f or i-f coupling between the diode circuits and the circuits of other stages.

For APPLICATION, refer to type 85, and to the chart of the Resistance-Coupled Amplifier Section. Circuits using the 55 are given under type 85.

AVERAGE PLATE CHARACTERISTICS
TRIODE UNIT

